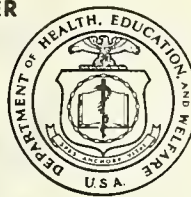


# Morbidity and Mortality



Vol. 16 No. 4

WEEKLY  
REPORTWeek Ending  
January 28, 1967

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL

## CURRENT TRENDS

## MEASLES - 1967

A total of 1,660 cases of measles was reported for the fourth week (ending January 28), an increase of 209 cases from the total of the previous week but 4,126 cases less than the total of 5,786 reported for the 4th week in 1966. The three states reporting the highest numbers of cases were Texas with 300, Washington with 248, and West Virginia with 133 (includes delayed reports). Seven states reported no measles activity; 14 states notified at least one, but fewer than 10 cases.

Figure 1 presents the reported cases of measles from the beginning of the epidemiologic year (week ending October 15) in comparison with the same period during the previous 3 years.

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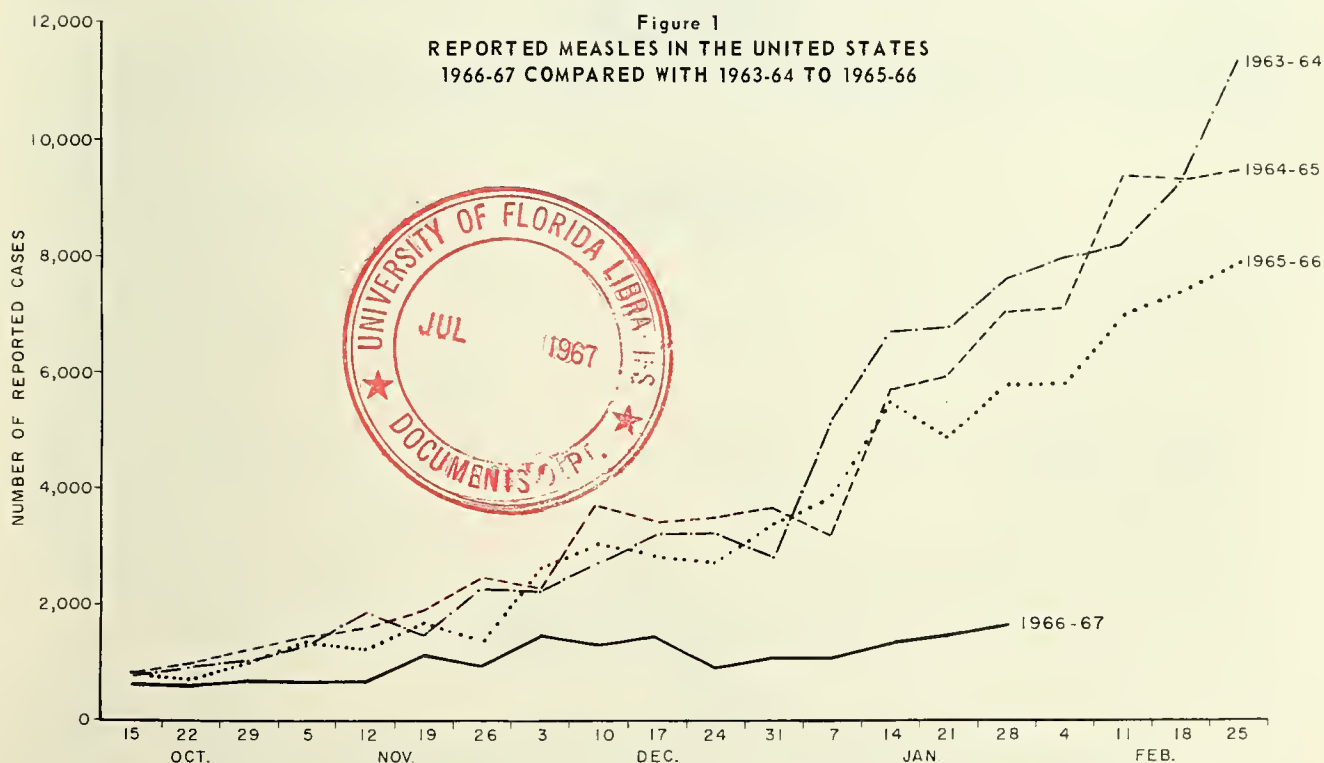
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(Reported by the Childhood Viral Diseases Unit, Epidemiology Program, NCDC.)

## Camden, New Jersey

Camden, New Jersey, (pop. 115,000) reported 41 cases of measles during the months of November and December 1966. Over the previous 3 years Camden had reported an average of 18 cases for the comparable period.

(Continued on page 26)



## CURRENT TRENDS - MEASLES, 1967

(Continued from front page)

Preliminary investigations revealed 99 unreported cases in a single school system. A survey of kindergarten through third grade children in the Camden public and parochial schools indicated that there were 2,615 susceptibles among 7,000 children. Fifty percent of 12,500 preschoolers were estimated to be susceptible to measles.

During the week January 9 through 17, in an attempt to abort the potential epidemic, school physicians administered 2,334 doses of Schwarz strain vaccine which had been provided by the State Department of Health. Furthermore, on Sunday, January 15, following a week of intensive publicity, 2,125 preschool children were also vaccinated. It is estimated that 75 percent of the preschool and school-age population of Camden is now protected against measles.

(Reported by Dr. William J. Dougherty, Director, Division of Preventable Diseases, New Jersey State Department of Health; and an EIS Officer.)

**Bangor, Maine**

Sporadic cases of measles occurred in Bangor, Maine, during the late summer months of 1966, and increasing numbers of cases were noted in the early fall. On November 19, 1966, a citywide immunization program was con-

ducted during which 750 children were immunized (MMWR, Vol. 15, No. 44). Despite this effort to control the disease, measles cases continued to be reported from this community. During the second week in January 1967, it became apparent that the cases reported from Bangor accounted for over half (40/71) of the total reported from Maine in November and December. Investigation indicated that the cases were confined to the five elementary schools in the western half of the city.

On January 11, it was declared that an epidemic situation existed in Bangor; measles vaccine from the NCDC epidemic control vaccine supply was requested for use in containing the epidemic. On January 14, 1967, a special Measles Epidemic Control Program was operated cooperatively by three local pediatricians, the City Health Department, and the State Health Department. Of the 380 children given Edmonston strain measles vaccine with measles immune globulin, 216 were from the western sector of the city. No cases of measles have been reported in Bangor since this special Epidemic Control Clinic was held.

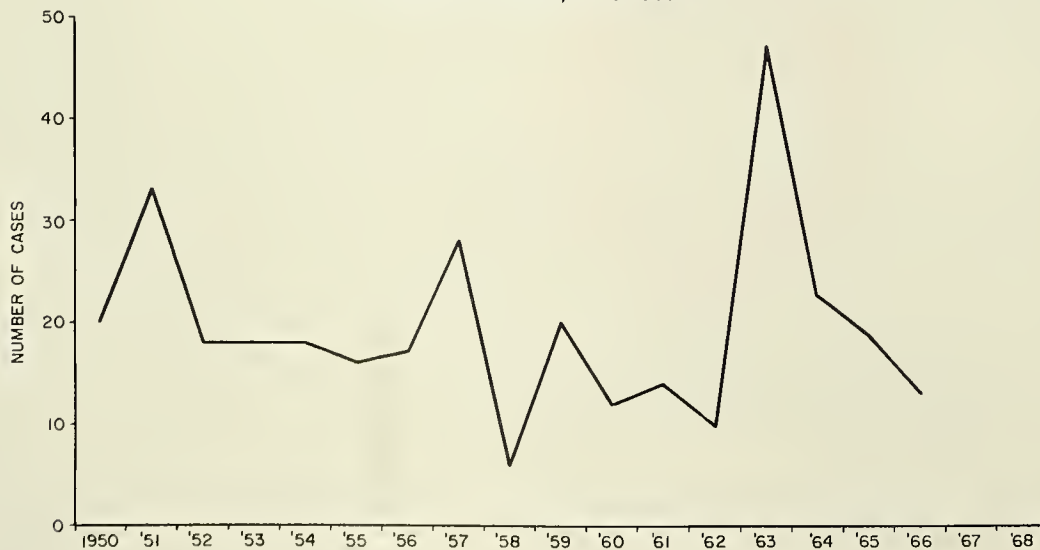
(Reported by Dr. Dean Fisher, Commissioner, Maine Department of Health and Welfare; and an EIS Officer.)

SURVEILLANCE SUMMARY  
BOTULISM - 1966

Thirteen cases of botulism from seven outbreaks were reported to the NCDC from five states in 1966 (Table 1).

No deaths were recorded. The diagnosis was confirmed in nine cases by laboratory demonstration of botulinum toxin

Figure 2  
REPORTED CASES OF BOTULISM  
UNITED STATES, 1950-1966



in samples of incriminated foods or in sera of the patients. No cases were attributed to commercially processed food.

**Table 1**  
**Botulism Cases - 1966**

State	Number of patients	Vehicle	Type
New York	1	Home canned mushrooms	B
Maryland (Foreign merchant ship)	3	? Fish ? Smoked ham	B
Delaware	2		
California	1		
California	1		
California	3	Home smoked venison	?F
Indiana	2	Home canned beets and eggs	A
Total	13		

The most unusual outbreak in 1966 occurred in California where botulinum toxin, presumptively type F, was isolated from venison jerky (MMWR, Vol. 15, Nos. 41 and 42). This is the second type F outbreak recorded.

Seven emergency requests for antitoxin were made to the NCDC for presumptive cases of botulism during 1966. Investigation indicated that two of these requests involved outbreaks in which four persons were confirmed as having type B botulism (Table 1). In two other "outbreaks," rapid recovery of patients and failure to demonstrate toxin made the diagnosis of botulism doubtful. Diagnosis in the remaining "outbreaks" included familial hypercholesterolemia, staphylococcal food poisoning, and atropine intoxication.

The numbers of botulism cases reported for the past 17 years is shown in Figure 2. In 1965, eighteen cases from seven outbreaks in six states were documented. The unusually high incidence recorded in 1963 is the highest since 1939 and represents 46 cases from 12 outbreaks. Three of the 1963 outbreaks involved 22 cases of type E botulism and were related to the consumption of commercially prepared smoked fish.

*(Reported by the Bacterial Diseases Section, Epidemiology Program, NCDC.)*

**CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES**  
(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	4th WEEK ENDED		MEDIAN 1962 - 1966	CUMULATIVE, FIRST 4 WEEKS		
	JANUARY 28, 1967	JANUARY 29, 1966		1967	1966	MEDIAN 1962 - 1966
Aseptic meningitis	36	22	26	112	109	109
Brucellosis	6	8	6	14	14	19
Diphtheria	3	4	7	6	10	18
Encephalitis, primary:						
Arthropod-borne & unspecified	20	21	---	78	89	---
Encephalitis, post-infectious	11	12	---	31	50	---
Hepatitis, serum	30	24	1,116	138	76	3,482
Hepatitis, infectious	810	756		2,829	2,747	
Malaria	22	12	1	89	25	6
Measles (rubeola)	1,660	5,786	7,644	5,593	20,146	26,398
Meningococcal infections, total	44	68	50	235	289	205
Civilian	41	64	---	218	264	---
Military	3	4	---	17	25	---
Poliomyelitis, total	—	—	4	—	1	5
Paralytic	—	—	3	—	—	3
Rubella (German measles)	642	963	---	2,044	3,113	---
Streptococcal sore throat & scarlet fever	12,457	10,126	10,177	42,909	36,482	33,862
Tetanus	4	3	5	10	6	11
Tularemia	4	5	5	13	17	30
Typhoid fever	9	8	9	18	18	21
Typhus, tick-borne (Rky. Mt. spotted fever)	1	—	—	4	7	3
Rabies in animals	78	81	81	283	284	244

**NOTIFIABLE DISEASES OF LOW FREQUENCY**

	Cum.		Cum.
Anthrax	—	Rabies in man	—
Botulism	—	Rubella, Congenital Syndrome	—
Leptospirosis	3	Trichinosis: NYC-1, NY-UpS.-1	7
Plague	—	Typhus, murine	—
Psittacosis	5		

## Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 28, 1967 AND JANUARY 29, 1966 (4th WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			
					Primary including unsp. cases		Post- Infectious	Serum		Infectious	
	1967	1966			1967	1967		1966	1967	1966	1967
UNITED STATES...	36	22	6	3	20	21	11	30	24	810	756
NEW ENGLAND.....	-	-	1	-	1	2	-	2	-	37	26
Maine.....	-	-	-	-	-	-	-	-	-	5	7
New Hampshire.....	-	-	-	-	-	-	-	-	-	1	2
Vermont.....	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	-	-	-	1	-	-	-	16	9
Rhode Island.....	-	-	-	-	-	1	-	-	-	3	4
Connecticut.....	-	-	1	-	1	-	-	2	-	12	4
MIDDLE ATLANTIC.....	9	5	1	-	2	9	-	18	9	139	156
New York City.....	2	1	-	-	-	3	-	8	5	51	19
New York, up-State..	-	1	-	-	-	2	-	3	1	39	53
New Jersey.....	7	2	-	-	1	2	-	7	3	21	18
Pennsylvania.....	-	1	1	-	1	2	-	-	-	28	66
EAST NORTH CENTRAL...	4	2	1	-	8	3	-	2	3	148	157
Ohio.....	-	-	-	-	8	-	-	1	1	30	31
Indiana.....	-	-	-	-	-	-	-	1	1	21	19
Illinois.....	1	-	-	-	-	1	-	-	-	16	33
Michigan.....	2	2	1	-	-	2	-	-	1	63	71
Wisconsin.....	1	-	-	-	-	-	-	-	-	18	3
WEST NORTH CENTRAL...	-	-	2	-	-	1	1	-	2	47	24
Minnesota.....	-	-	1	-	-	-	-	-	2	13	11
Iowa.....	-	-	1	-	-	1	-	-	-	4	2
Missouri.....	-	-	-	-	-	-	-	-	-	26	6
North Dakota.....	-	-	-	-	-	-	-	-	-	1	1
South Dakota.....	-	-	-	-	-	-	1	-	-	1	1
Nebraska.....	-	-	-	-	-	-	-	-	-	1	-
Kansas.....	-	-	-	-	-	-	-	-	-	1	3
SOUTH ATLANTIC.....	3	3	1	-	3	2	6	-	1	85	55
Delaware.....	1	1	-	-	-	-	-	-	-	5	1
Maryland.....	-	1	-	-	1	-	1	-	1	24	8
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	-	-	1	-	2	-	-	-	-	14	10
West Virginia.....	-	-	-	-	-	-	-	-	-	15	9
North Carolina.....	1	1	-	-	-	-	-	-	-	5	11
South Carolina.....	-	-	-	-	-	-	-	-	-	5	3
Georgia.....	-	-	-	-	-	-	-	-	-	9	2
Florida.....	1	-	-	-	-	2	5	-	-	8	11
EAST SOUTH CENTRAL...	9	-	-	1	-	-	-	1	-	59	59
Kentucky.....	-	-	-	-	-	-	-	-	-	14	18
Tennessee.....	-	-	-	-	-	-	-	1	-	25	26
Alabama.....	9	-	-	1	-	-	-	-	-	8	4
Mississippi.....	-	-	-	-	-	-	-	-	-	12	11
WEST SOUTH CENTRAL...	-	3	-	1	1	-	-	1	2	89	53
Arkansas.....	-	-	-	-	-	-	-	-	-	8	9
Louisiana.....	-	-	-	1	-	-	-	1	2	5	3
Oklahoma.....	-	-	-	-	-	-	-	-	-	7	-
Texas.....	-	3	-	-	1	-	-	-	-	69	41
MOUNTAIN.....	-	2	-	-	1	2	-	-	-	48	66
Montana.....	-	-	-	-	-	-	-	-	-	1	-
Idaho.....	-	-	-	-	-	-	-	-	-	3	1
Wyoming.....	-	1	-	-	-	-	-	-	-	6	2
Colorado.....	-	1	-	-	1	1	-	-	-	3	5
New Mexico.....	-	-	-	-	-	1	-	-	-	26	21
Arizona.....	-	-	-	-	-	-	-	-	-	6	18
Utah.....	-	-	-	-	-	-	-	-	-	3	19
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	11	7	-	1	4	2	4	6	7	158	160
Washington.....	-	1	-	1	-	-	1	-	-	16	6
Oregon.....	1	-	-	-	-	-	-	-	-	45	21
California.....	9	5	-	-	4	2	3	6	7	96	132
Alaska.....	-	-	-	-	-	-	-	-	-	-	1
Hawaii.....	1	1	-	-	-	-	-	-	-	1	-
Puerto Rico	-	-	-	-	-	-	-	-	-	4	10



## Morbidity and Mortality Weekly Report

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
 FOR WEEKS ENDED  
 JANUARY 28, 1967 AND JANUARY 29, 1966 (4th WEEK) - CONTINUED

AREA	MALARIA	MEASLES (Rubeola)		MENINGOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS			RUBELLA
	1967	1967	Cumulative		1967	Cumulative		Total	Paralytic	1967
			1967	1966		1967	1966	1967	1967	
UNITED STATES...	22	1,660	5,593	20,146	44	235	289	-	-	642
NEW ENGLAND.....	2	14	47	277	1	7	19	-	-	55
Maine.....	-	1	5	31	-	1	-	-	-	6
New Hampshire.....	-	-	-	4	-	-	7	-	-	-
Vermont.....	-	-	4	109	-	-	1	-	-	-
Massachusetts.....	2	10	31	63	-	3	5	-	-	21
Rhode Island.....	-	-	2	27	-	-	2	-	-	3
Connecticut.....	-	3	5	43	1	3	4	-	-	25
MIDDLE ATLANTIC.....	7	80	240	3,307	8	37	56	-	-	23
New York City.....	1	10	34	1,549	1	7	13	-	-	10
New York, Up-State.....	-	18	68	471	2	11	10	-	-	13
New Jersey.....	-	22	77	302	3	14	18	-	-	-
Pennsylvania.....	6	30	61	985	2	5	15	-	-	-
EAST NORTH CENTRAL...	-	173	613	8,376	7	22	47	-	-	72
Ohio.....	-	22	57	469	2	9	18	-	-	10
Indiana.....	-	17	96	345	2	3	4	-	-	6
Illinois.....	-	23	62	1,766	1	4	6	-	-	16
Michigan.....	-	44	161	1,305	1	4	15	-	-	40
Wisconsin.....	-	67	237	4,491	1	2	4	-	-	-
WEST NORTH CENTRAL...	-	71	211	710	-	10	14	-	-	32
Minnesota.....	-	6	11	344	-	1	3	-	-	-
Iowa.....	-	9	38	166	-	2	2	-	-	25
Missouri.....	-	2	8	34	-	3	5	-	-	-
North Dakota.....	-	25	74	157	-	-	-	-	-	7
South Dakota.....	-	-	14	1	-	1	1	-	-	-
Nebraska.....	-	29	66	8	-	2	1	-	-	-
Kansas.....	-	NN	NN	NN	-	1	2	-	-	-
SOUTH ATLANTIC.....	2	283	693	1,944	11	44	51	-	-	85
Delaware.....	-	3	7	35	-	-	-	-	-	3
Maryland.....	-	5	7	311	3	6	6	-	-	1
Dist. of Columbia..	-	-	4	84	-	-	-	-	-	-
Virginia.....	-	133*	199	121	3	6	3	-	-	14
West Virginia.....	-	34	121	983	1	8	2	-	-	21
North Carolina.....	-	47	122	32	2	9	9	-	-	-
South Carolina.....	1	2	3	93	1	2	10	-	-	5
Georgia.....	-	-	8	28	-	4	4	-	-	-
Florida.....	1	59	222	257	1	9	17	-	-	41
EAST SOUTH CENTRAL...	-	134	599	2,425	4	19	9	-	-	42
Kentucky.....	-	21	86	830	2	6	3	-	-	1
Tennessee.....	-	40	235	1,522	-	7	4	-	-	19
Alabama.....	-	52	118	30	-	2	2	-	-	22
Mississippi.....	-	21	160	43	2	4	-	-	-	-
WEST SOUTH CENTRAL...	5	394	1,526	1,115	9	39	23	-	-	-
Arkansas.....	1	41	178	22	-	-	2	-	-	-
Louisiana.....	-	6	19	16	5	17	6	-	-	-
Oklahoma.....	4	47	148	10	2	2	-	-	-	-
Texas.....	-	300	1,181	1,067	2	20	15	-	-	-
MOUNTAIN.....	-	127	467	832	-	6	13	-	-	29
Montana.....	-	24	112	198	-	-	1	-	-	11
Idaho.....	-	7	35	200	-	1	-	-	-	-
Wyoming.....	-	-	-	12	-	-	-	-	-	-
Colorado.....	-	52	94	61	-	1	10	-	-	13
New Mexico.....	-	26	73	4	-	3	1	-	-	-
Arizona.....	-	11	66	327	-	-	-	-	-	-
Utah.....	-	2	12	26	-	-	-	-	-	5
Nevada.....	-	5	75	4	-	1	1	-	-	-
PACIFIC.....	6	384	1,197	1,160	4	51	57	-	-	304
Washington.....	-	248	677	346	-	1	5	-	-	163
Oregon.....	-	55	205	128	1	4	3	-	-	17
California.....	6	66	255	667	2	44	40	-	-	117
Alaska.....	-	7	46	1	1	2	7	-	-	4
Hawaii.....	-	8	14	18	-	-	2	-	-	3
Puerto Rico.....	1	53	166	248	1	1	-	-	-	-

\*Includes delayed reports not allocated to week.

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
JANUARY 28, 1967 AND JANUARY 29, 1966 (4th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967
UNITED STATES...	12,457	4	10	4	13	9	18	1	4	78	283
NEW ENGLAND.....	2,119	-	-	-	-	-	-	-	-	1	1
Maine.....	112	-	-	-	-	-	-	-	-	1	1
New Hampshire.....	11	-	-	-	-	-	-	-	-	-	-
Vermont.....	30	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	396	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	84	-	-	-	-	-	-	-	-	-	-
Connecticut.....	1,486	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	630	-	-	-	-	3	4	-	-	-	9
New York City.....	26	-	-	-	-	2	2	-	-	-	-
New York, Up-State.....	471	-	-	-	-	-	1	-	-	-	6
New Jersey.....	NN	-	-	-	-	-	-	-	-	-	-
Pennsylvania.....	133	-	-	-	-	1	1	-	-	-	3
EAST NORTH CENTRAL...	1,300	-	-	2	2	1	1	-	-	5	13
Ohio.....	241	-	-	-	-	1	1	-	-	4	8
Indiana.....	122	-	-	-	-	-	-	-	-	1	2
Illinois.....	200	-	-	2	2	-	-	-	-	-	3
Michigan.....	512	-	-	-	-	-	-	-	-	-	-
Wisconsin.....	225	-	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL...	507	-	1	-	3	-	-	-	-	18	86
Minnesota.....	7	-	1	-	-	-	-	-	-	10	20
Iowa.....	228	-	-	-	-	-	-	-	-	1	7
Missouri.....	4	-	-	-	1	-	-	-	-	4	23
North Dakota.....	145	-	-	-	-	-	-	-	-	1	13
South Dakota.....	13	-	-	-	-	-	-	-	-	2	10
Nebraska.....	5	-	-	-	-	-	-	-	-	-	4
Kansas.....	105	-	-	-	2	-	-	-	-	-	9
SOUTH ATLANTIC.....	1,492	1	2	-	2	-	1	-	3	10	36
Delaware.....	23	-	-	-	-	-	-	-	-	-	-
Maryland.....	277	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia..	20	-	-	-	-	-	-	-	-	-	-
Virginia.....	567	1	1	-	-	-	-	-	-	4	17
West Virginia.....	385	-	-	-	-	-	-	-	-	3	6
North Carolina.....	27	-	-	-	-	1	-	2	-	-	-
South Carolina.....	28	-	-	-	2	-	-	-	-	-	-
Georgia.....	8	-	-	-	-	-	-	1	-	2	8
Florida.....	157	-	1	-	-	-	-	-	-	1	5
EAST SOUTH CENTRAL...	1,338	-	3	1	2	1	3	1	1	18	66
Kentucky.....	29	-	-	-	-	-	-	-	-	4	17
Tennessee.....	1,085	-	3	1	2	1	1	1	1	14	48
Alabama.....	192	-	-	-	-	-	2	-	-	-	-
Mississippi.....	32	-	-	-	-	-	-	-	-	-	1
WEST SOUTH CENTRAL...	1,229	-	-	1	1	1	4	-	-	21	48
Arkansas.....	3	-	-	-	-	-	-	-	-	2	8
Louisiana.....	3	-	-	-	-	1	4	-	-	3	5
Oklahoma.....	47	-	-	1	1	-	-	-	-	5	11
Texas.....	1,176	-	-	-	-	-	-	-	-	11	24
MOUNTAIN.....	2,221	-	-	-	3	-	2	-	-	4	7
Montana.....	89	-	-	-	1	-	1	-	-	-	-
Idaho.....	118	-	-	-	-	-	-	-	-	-	-
Wyoming.....	130	-	-	-	-	-	-	-	-	-	-
Colorado.....	1,237	-	-	-	-	-	-	-	-	-	-
New Mexico.....	376	-	-	-	-	-	-	-	-	4	4
Arizona.....	138	-	-	-	-	-	1	-	-	-	3
Utah.....	130	-	-	-	2	-	-	-	-	-	-
Nevada.....	3	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	1,621	3	4	-	-	3	3	-	-	1	17
Washington.....	429	-	-	-	-	-	-	-	-	-	-
Oregon.....	74	-	-	-	-	-	-	-	-	-	-
California.....	967	2	3	-	-	3	3	-	-	1	17
Alaska.....	122	-	-	-	-	-	-	-	-	-	-
Hawaii.....	29	1	1	-	-	-	-	-	-	-	-
Puerto Rico.....	8	-	-	-	-	2	2	-	-	-	-

## Morbidity and Mortality Weekly Report

31

Week No.

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JANUARY 28, 1967

4

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	751	470	29	29	SOUTH ATLANTIC:	1,208	603	64	76
Boston, Mass.-----	223	124	6	8	Atlanta, Ga.-----	140	67	7	10
Bridgeport, Conn.-----	39	24	6	1	Baltimore, Md.-----	253	139	5	16
Cambridge, Mass.-----	32	24	-	1	Charlotte, N. C.-----	53	26	5	6
Fall River, Mass.-----	41	30	1	-	Jacksonville, Fla.-----	82	35	3	7
Hartford, Conn.-----	64	37	1	6	Miami, Fla.-----	81	48	-	1
Lowell, Mass.*-----	27	17	1	1	Norfolk, Va.-----	53	24	6	2
Lynn, Mass.-----	28	20	-	1	Richmond, Va.-----	86	35	1	9
New Bedford, Mass.-----	30	24	-	1	Savannah, Ga.-----	40	14	2	3
New Haven, Conn.-----	51	32	1	3	St. Petersburg, Fla.-----	67	51	7	1
Providence, R. I.-----	57	34	-	3	Tampa, Fla.-----	90	47	10	5
Somerville, Mass.-----	15	11	3	1	Washington, D. C.-----	195	85	8	14
Springfield, Mass.-----	59	36	5	2	Wilmington, Del.-----	68	32	10	2
Waterbury, Conn.-----	30	17	1	-					
Worcester, Mass.-----	55	40	4	1	EAST SOUTH CENTRAL:	655	376	46	34
MIDDLE ATLANTIC:	3,396	2,024	156	154	Birmingham, Ala.-----	99	57	2	6
Albany, N. Y.-----	41	27	-	4	Chattanooga, Tenn.-----	42	26	4	2
Allentown, Pa.-----	48	30	1	1	Knoxville, Tenn.-----	44	32	1	1
Buffalo, N. Y.-----	134	87	5	8	Louisville, Ky.-----	131	73	17	8
Camden, N. J.-----	49	29	2	6	Memphis, Tenn.-----	144	73	11	8
Elizabeth, N. J.-----	27	13	3	1	Mobile, Ala.-----	44	21	-	3
Erie, Pa.-----	34	17	1	5	Montgomery, Ala.-----	30	23	3	-
Jersey City, N. J.-----	71	52	7	3	Nashville, Tenn.-----	121	71	8	6
Newark, N. J.-----	111	42	7	15	WEST SOUTH CENTRAL:	1,125	576	54	81
New York City, N. Y.--	1,710	1,021	79	60	Austin, Tex.-----	40	25	3	1
Paterson, N. J.-----	40	26	1	4	Baton Rouge, La.-----	32	18	3	3
Philadelphia, Pa.-----	514	275	14	26	Corpus Christi, Tex.---	15	9	-	2
Pittsburgh, Pa.-----	206	117	6	5	Dallas, Tex.-----	147	78	8	13
Reading, Pa.-----	50	38	2	-	El Paso, Tex.-----	39	16	4	10
Rochester, N. Y.-----	109	75	9	8	Fort Worth, Tex.-----	69	40	3	7
Schenectady, N. Y.-----	36	20	3	1	Houston, Tex.-----	217	98	9	14
Scranton, Pa.-----	31	25	2	1	Little Rock, Ark.-----	56	27	3	2
Syracuse, N. Y.-----	64	45	-	3	New Orleans, La.-----	175	86	7	10
Trenton, N. J.-----	61	41	3	2	Oklahoma City, Okla.---	94	42	6	9
Utica, N. Y.-----	27	20	4	-	San Antonio, Tex.-----	130	76	5	6
Yonkers, N. Y.-----	33	24	7	1	Shreveport, La.-----	69	42	2	2
EAST NORTH CENTRAL:	2,695	1,566	91	153	Tulsa, Okla.-----	42	19	1	2
Akron, Ohio-----	53	33	1	9	MOUNTAIN:	461	260	18	32
Canton, Ohio-----	30	16	2	3	Albuquerque, N. Mex.---	39	15	3	1
Chicago, Ill.-----	791	448	32	37	Colorado Springs, Colo.	23	16	-	1
Cincinnati, Ohio-----	156	91	2	16	Denver, Colo.-----	139	77	8	15
Cleveland, Ohio-----	228	126	2	9	Ogden, Utah-----	22	16	2	1
Columbus, Ohio-----	122	82	6	3	Phoenix, Ariz.-----	96	56	1	6
Dayton, Ohio-----	64	38	1	3	Pueblo, Colo.-----	35	11	-	6
Detroit, Mich.-----	430	247	12	22	Salt Lake City, Utah---	46	26	1	-
Evansville, Ind.-----	45	34	4	-	Tucson, Ariz.-----	61	43	3	2
Flint, Mich.-----	52	24	1	2	PACIFIC:	1,871	1,225	42	70
Fort Wayne, Ind.-----	39	25	5	1	Berkeley, Calif.-----	23	17	-	-
Gary, Ind.-----	19	10	1	2	Fresno, Calif.-----	36	17	3	1
Grand Rapids, Mich.---	60	36	8	4	Glendale, Calif.-----	41	31	1	-
Indianapolis, Ind.-----	155	78	4	14	Honolulu, Hawaii-----	58	33	1	5
Madison, Wis.-----	29	15	-	2	Long Beach, Calif.-----	78	54	1	4
Milwaukee, Wis.-----	147	87	1	10	Los Angeles, Calif.---	624	410	14	20
Peoria, Ill.-----	34	19	-	3	Oakland, Calif.-----	135	88	4	9
Rockford, Ill.-----	29	19	4	3	Pasadena, Calif.-----	44	31	-	1
South Bend, Ind.-----	28	19	1	2	Portland, Oreg.-----	124	77	1	8
Toledo, Ohio-----	122	72	3	8	Sacramento, Calif.---	61	38	-	5
Youngstown, Ohio-----	62	47	1	-	San Diego, Calif.-----	87	58	1	5
WEST NORTH CENTRAL:	925	592	42	48	San Francisco, Calif.--	240	138	8	6
Des Moines, Iowa-----	63	40	4	8	San Jose, Calif.-----	50	35	2	1
Duluth, Minn.-----	25	18	-	-	Seattle, Wash.-----	159	105	4	3
Kansas City, Kans.---	35	21	3	3	Spokane, Wash.-----	62	46	1	1
Kansas City, Mo.-----	123	71	5	6	Tacoma, Wash.*-----	49	47	1	1
Lincoln, Nebr.-----	41	35	1	1					
Minneapolis, Minn.---	140	89	8	6	Total	13,087	7,692	542	677
Omaha, Nebr.-----	63	42	3	2	Cumulative Totals				
St. Louis, Mo.-----	275	170	9	16	including reported corrections for previous weeks				
St. Paul, Minn.-----	93	69	5	2	All Causes, All Ages -----				54,325
Wichita, Kans.-----	67	37	4	4	All Causes, Age 65 and over-----				31,354
					Pneumonia and Influenza, All Ages-----				2,236
					All Causes, Under 1 Year of Age-----				2,794

\*Estimate - based on average percent of divisional total.

EPIDEMIOLOGIC NOTES AND REPORTS  
 STAPHYLOCOCCAL INFECTION - Washington

An outbreak of cutaneous infections due to *Staphylococcus aureus* (coagulase positive, phage type 29) occurred among members of a high school football team in Washington during the end of August and beginning of September 1966. Of the six players who developed boils or folliculitis, one had had a series of dermatological problems over the summer, including the onset of pustular lesions on his right knee 3 days prior to the first football scrimmage on August 27. Three players shared the index case's elbow pad and subsequently developed lesions at the right elbow. Two of the other players borrowed elbow pads from infected players and developed similar lesions. The sixth player used only his own equipment; he probably became infected through body contact during scrimmage sessions or via fomites. Four of the six infected players suffered enough discomfort to contact a physician; one person was hospitalized. There was no evidence of a concurrent problem of this type elsewhere in the school.

Nasal swabs were obtained from 33 members of the team. *Staphylococcus aureus* (coagulase positive) was recovered from 17 of the 33 individuals, including the head coach, from the wounds of five of the six players with abscesses, and from an elbow pad and a helmet. The strains from the five players with abscesses and from the coach were phage type 29; the organism carried by the players was sensitive to penicillin, however, while that from the manager was resistant to penicillin.

Upon recommendation of the public health nurse, the football equipment was sprayed with Lysol, locker-room floors were treated with an antiseptic, and facilities were scrubbed with disinfectants. All boys with lesions were temporarily barred from participating with the team until their infections had cleared.

(Reported by Dr. E.A. Ager, State Epidemiologist, Washington State Health Department; and two EIS Officers.)

ERRATUM: Vol. 16, No. 3, pages 20-22:

The Weekly Telegraphic Report received from Hawaii for the week ending January 21, 1967, was inaccurate. Incorrect data should be changed as follows:

	Incorrect	Correct
Aseptic meningitis		3
Measles	16	2
Rubella	210	10
Streptococcal Sore Throat and Scarlet Fever	252	52

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 17,000, IS PUBLISHED AT THE NATIONAL COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

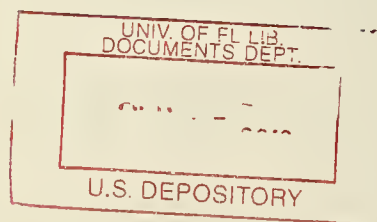
DIRECTOR, NATIONAL COMMUNICABLE DISEASE CENTER  
 CHIEF, EPIDEMIOLOGY PROGRAM  
 ACTING CHIEF, STATISTICS SECTION  
 DAVIO J. SENCER, M.O.  
 A.O. LANGMUIR, M.O.  
 IOA L. SHERMAN, M.S.

IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE NATIONAL COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

THE EDITOR  
 MORBIDITY AND MORTALITY WEEKLY REPORT  
 NATIONAL COMMUNICABLE DISEASE CENTER  
 ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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